

Date: Monday, 11/12/2007 11:45:43 AM
 User: Kim Johnston

Process Sheet

| | | | |
|-----------------------|--|------------------|--------------------------------|
| Customer | : CU-DAR001 Dart Helicopters Services | Drawing Name | : STEP SPACER |
| Job Number | : 35615 | | |
| Estimate Number | : 10378 | | |
| P.O. Number | : <u>N/A</u> | Part Number | : D30653 |
| This Issue | : 11/12/2007 S.O. No. : <u>N/A</u> | Drawing Number | : D3065 REV. B |
| Prsht Rev. | : NC | Project Number | : N/A |
| First Issue | : <u>N/A</u> Type : SMALL /MED FAB | Drawing Revision | : B |
| Previous Run | : 33820 | Material | : <u>N/A</u> |
| Written By | : <u>[Signature]</u> | Due Date | : 11/30/2007 Qty: 250 Um: Each |
| Checked & Approved By | : <u>[Signature] 07.11.12</u> | | |
| Comment | : Est: C 02.11.01 Incorporated D3066-1 IPP KJ/RF Est Rev: D Now on Water Jet 06-04-11 JLM | | |

Additional Product

Job Number:



| | | |
|---------|-----------------------|---------------|
| Seq. #: | Machine Or Operation: | Description : |
|---------|-----------------------|---------------|

| | | |
|-----|----|------------|
| 1.0 | PG | PURCHASING |
|-----|----|------------|



Comment: ISSUE P.O. 5022
 GFI

07/11/12

CUT AND FORM PER DRWG D3065 REV.B

(250)

| | | |
|-----|--------|-------------|
| 2.0 | D30653 | Step Spacer |
|-----|--------|-------------|



Comment: Qty.: 1.0000 Each(s)/Unit Total : 250.0000 Each(s)
 Step Spacer

| | | |
|-----|-------------|-----------------------|
| 3.0 | PACKAGING 1 | PACKAGING RESOURCE #1 |
|-----|-------------|-----------------------|



Comment: PACKAGING RESOURCE #1
 RECEIVE AND INSPECT FOR TRANSIT DAMMAGE
 ENSURE MATERIAL CERTIFICATION ATTACHED

07/12/08

250

| | | |
|-----|-----|-------------------|
| 4.0 | QC6 | DIMENSIONAL CHECK |
|-----|-----|-------------------|



Comment: DIMENSIONAL CHECK

QSP019

07/12/08

(X250)

county

| | | |
|-----|-----------------|----------------------------|
| 5.0 | HAND FINISHING1 | HAND FINISHING RESOURCE #1 |
|-----|-----------------|----------------------------|



Comment: HAND FINISHING RESOURCE #1
 Chemical Conversion Coat as per QSI 005 4.1

PR

07/12/08

(250)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☒ No ☐ DQA: D Date: 08/01/04
 QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Date: Monday, 11/12/2007 11:45:43 AM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP SPACER

Job Number: 35615

Part Number: D30653

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT CHEMICAL CONVERSION COAT

MF

08-01-03

7.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: GA

MF

08-01-03

8.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

08/01/04

Job Completion



2008/1/14

W

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

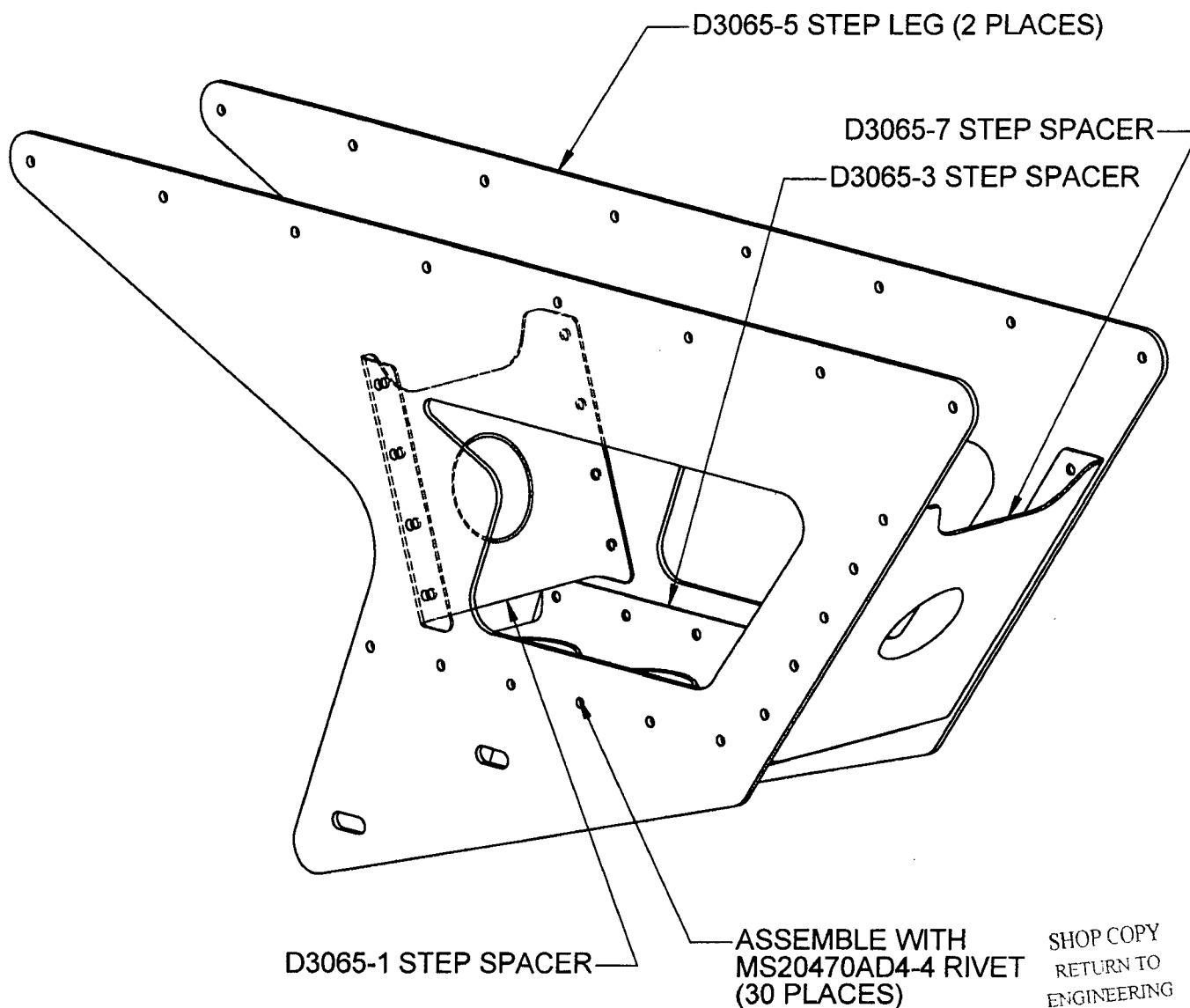
QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

DART

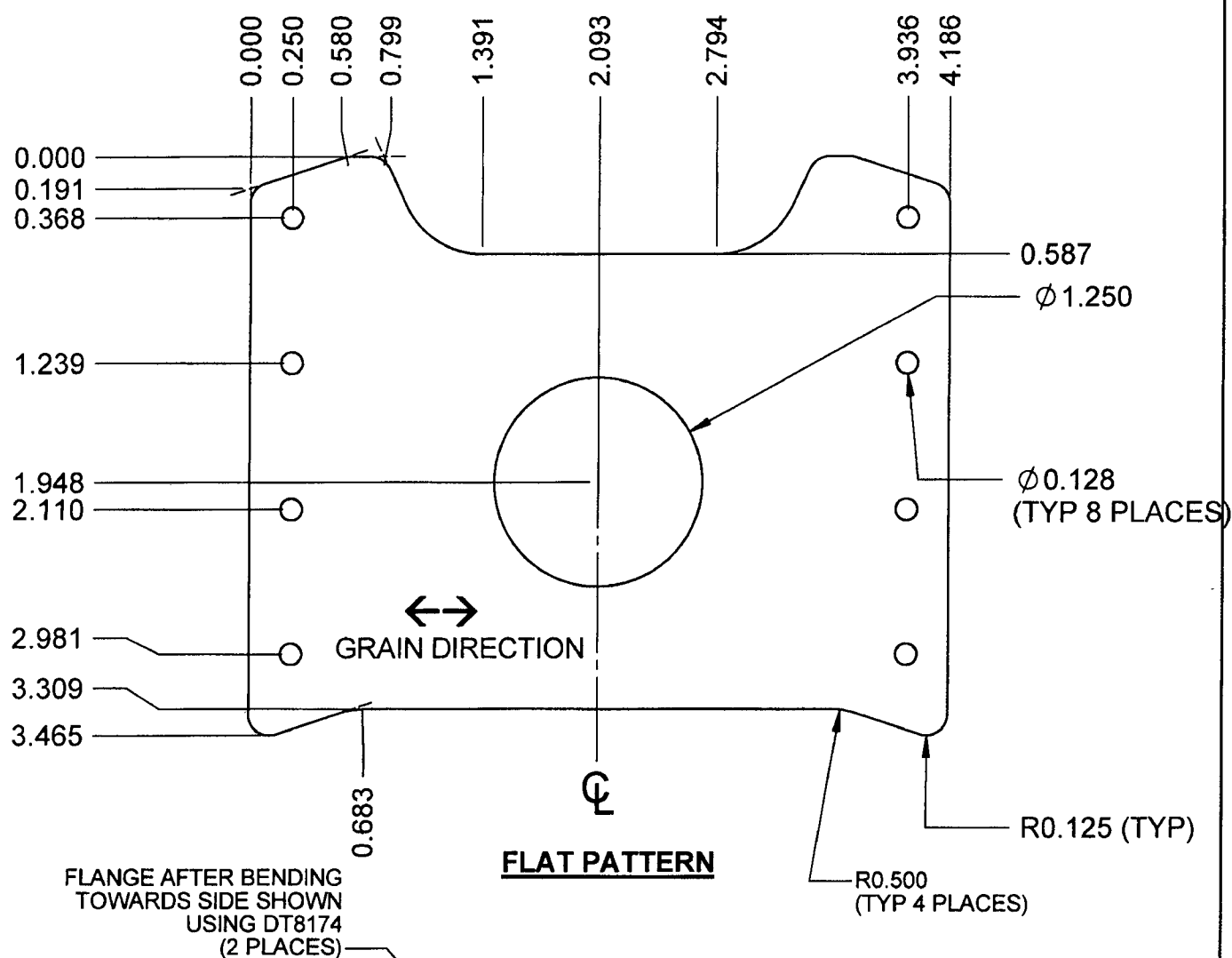
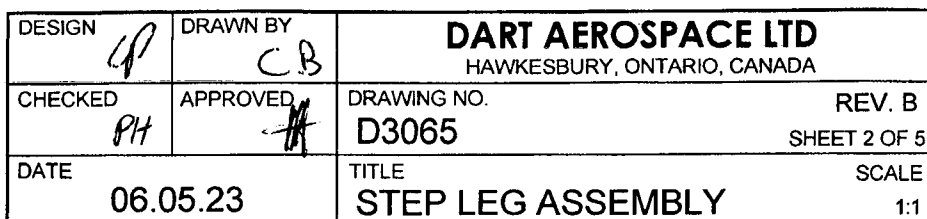
| | | | |
|-------------------------|--------------------------------|--|------------------------|
| DESIGN <i>CP</i> | DRAWN BY <i>C.B.</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>PH</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3065 | REV. B SHEET 1 OF 5 |
| DATE 06.05.23 | | TITLE STEP LEG ASSEMBLY | SCALE 1:2 |
| A | 02.09.11 | NEW ISSUE | |
| B | 06.05.23 | ADD 6061-T6 MATERIAL, ADD SLOTS TO D3065-5 | |

RELEASED*06.06.20* *[Signature]***D3065-041 STEP LEG ASSEMBLY**

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NO. *35615*

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RELEASED

de de re ~~th~~

D3065-1 STEP SPACER

BEND DETAIL

- 1) MATERIAL: 2024-T3 (QQ-A-250/4) 0.040 THICK (REF DART SPEC. M20)
2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
3) BREAK ALL SHARP EDGES 0.005 TO 0.010
4) PART IS SYMMETRIC ABOUT CENTERLINE
5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
6) ALL DIMENSIONS ARE IN INCHES

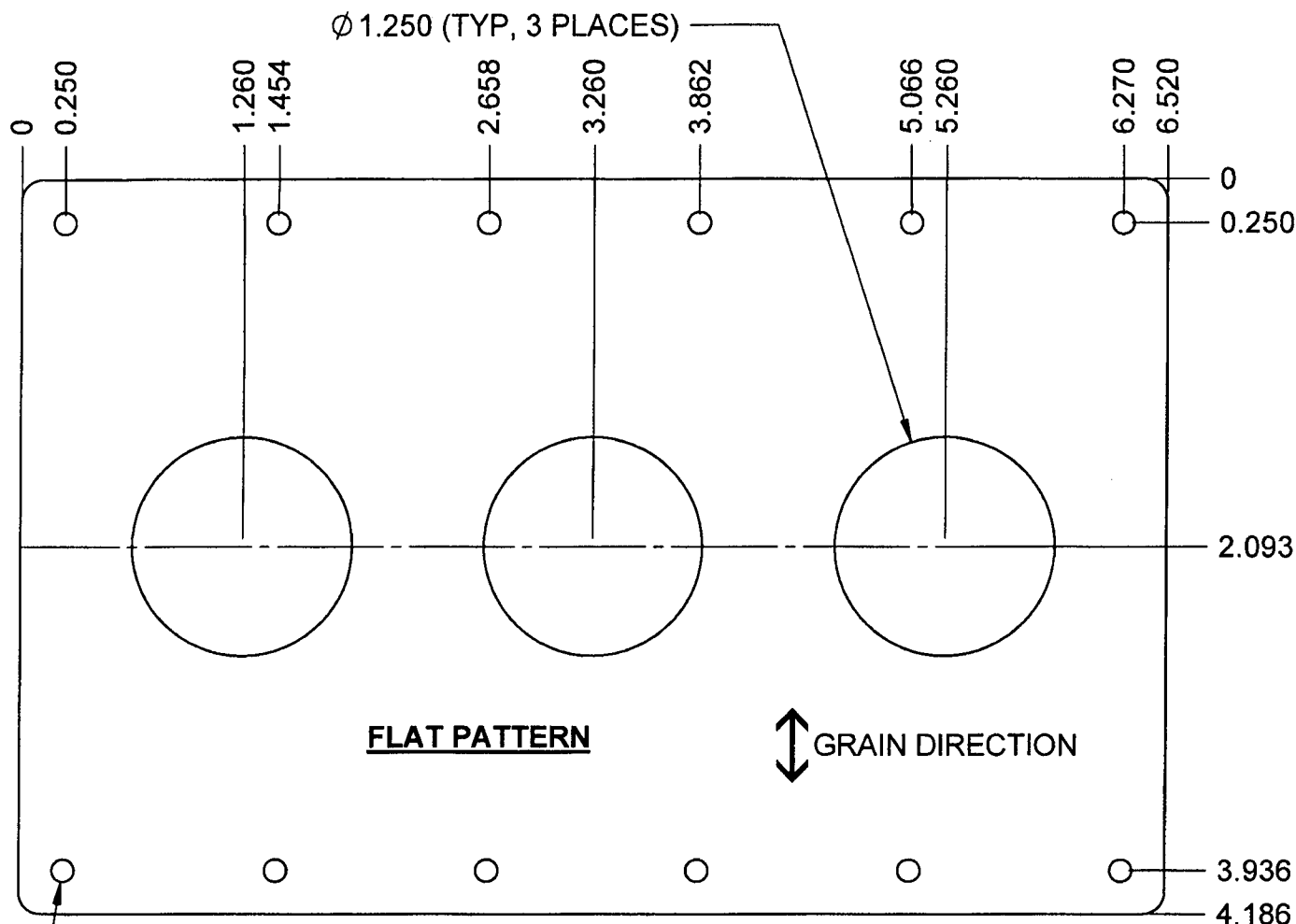
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DART

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| CHECKED <i>PH</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3065 | REV. B SHEET 3 OF 5 |
| DATE 06.05.23 | | TITLE STEP LEG ASSEMBLY | SCALE 1:1 |

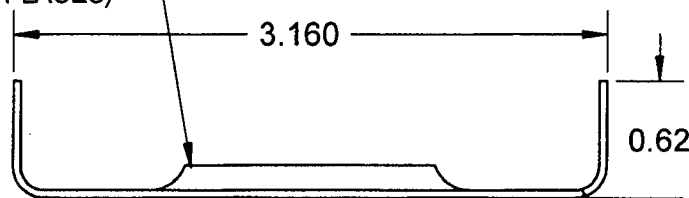


FLANGE AFTER TOWARDS SIDE
SHOWN USING DT8174 (3 PLACES)

Ø 0.129 (TYP, 12 PLACES)

RELEASED

06 Oct 20 *[Signature]*



BEND DETAIL

D3065-3 STEP SPACER

- 1) MATERIAL: 2024-T3 (QQ-A-250/4)
0.040 THICK (REF DART SPEC. M2024T3S.040)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
- 3) PART IS SYMMETRIC ABOUT CENTERLINE
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

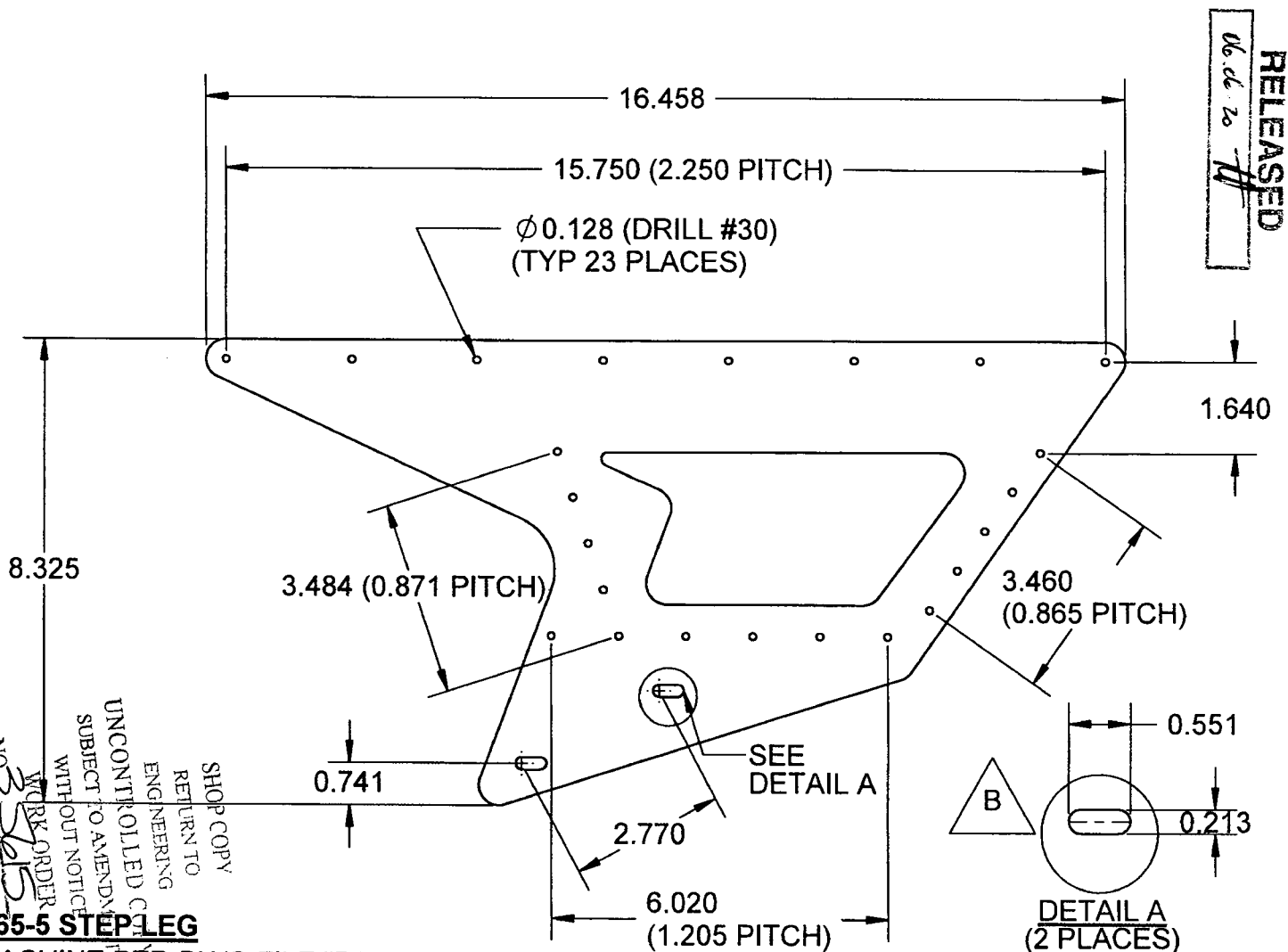
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DART

| | | | | |
|---------|-----------|----------|-------------------|--|
| DESIGN | <i>CP</i> | DRAWN BY | <i>CB</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| CHECKED | <i>PH</i> | APPROVED | <i>PH</i> | DRAWING NO. D3065 |
| DATE | 06.05.23 | TITLE | STEP LEG ASSEMBLY | REV. B SHEET 4 OF 5 |
| | | SCALE | 1:3 | |



- 1) MACHINE PER DWG FILE "D3065-5.SLDPRT"
- 2) MATERIAL: 6061-T6 (PER QQ-A-250/11 OR AMS 4025 OR AMS 4027) 0.080" THICK
(REF DART SPEC M6061T6S.080)
OR
5052-H32 (PER QQ-A-250/8 OR AMS 4016) 0.080 THICK (REF DART SPEC. M5052H32S.080)
- 3) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

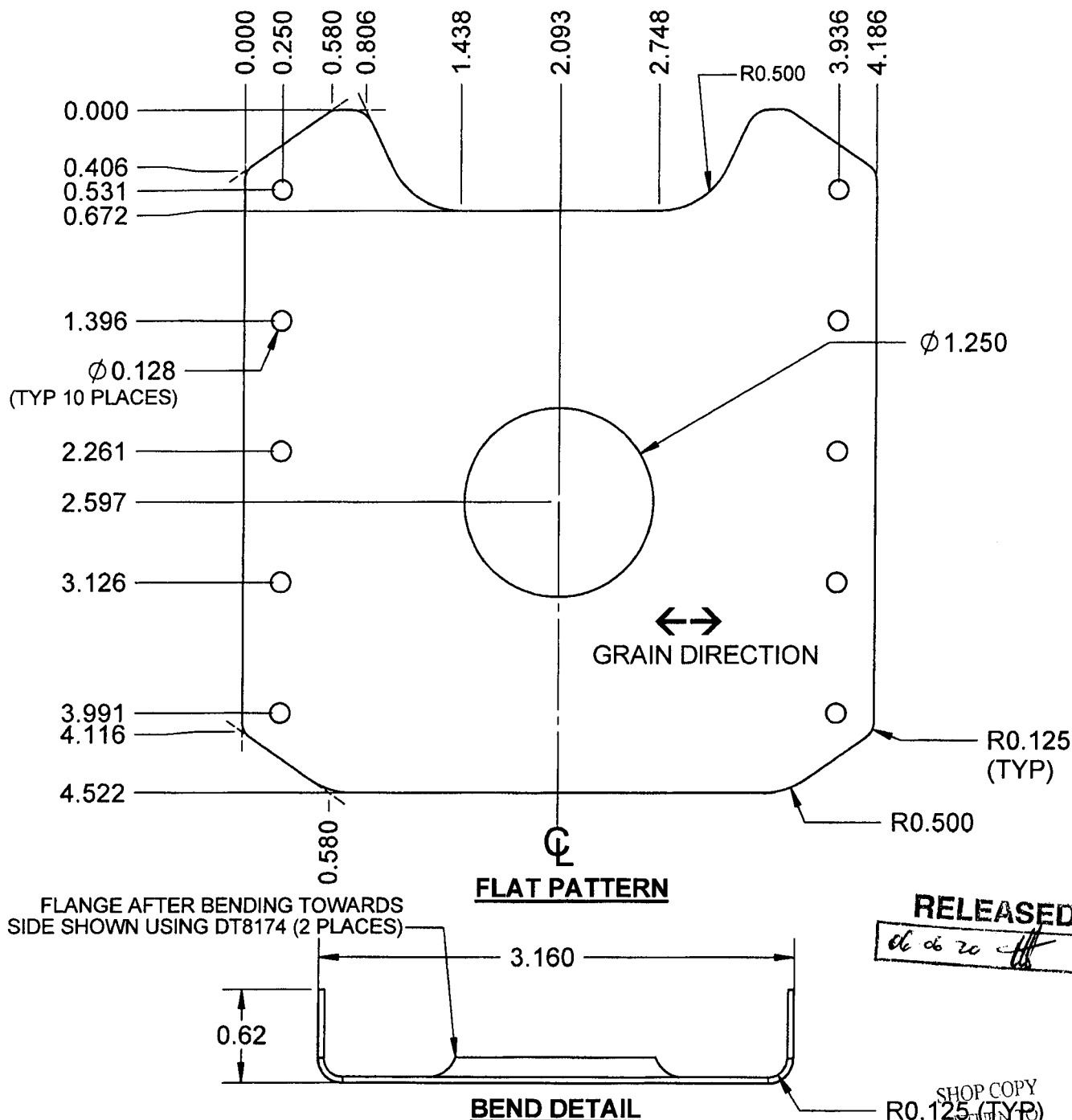
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| CHECKED <i>PH</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3065 | REV. B SHEET 5 OF 5 |
| DATE 06.05.23 | | TITLE STEP LEG ASSEMBLY | SCALE 1:1 |

**D3065-7 STEP SPACER**

- 1) MATERIAL: 2024-T3 (PER QQ-A-250/4) 0.040 THICK (REF DART SPEC. M2024T3S-040)
- 2) FINISH: ACID ETCH & ALODINE PER DART QSI 005 4.1
- 3) PART IS SYMMETRIC ABOUT CENTERLINE
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

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180 AVENUE LABROSSE
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1
TÉL.: (514) 630-4877 - FAX: (514) 630-4849

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

VIENDU À / SOLD TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7



BON DE LIVRAISON - SHIPPING MEMO

| | |
|-------------------------------------|--|
| DATE DE LIVRAISON: SHIPPING DATE | N° BON DE LIVRAISON SHIPPING MEMO NO. |
| 2007/12/14 | 0381182 |

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON, K6A 1K7

| CODE DE CLIENT CUSTOMER CODE | N° DE CONTRAT JOB NO. | N° COMMANDE PO NO. | VIA SHIPMENT |
|---------------------------------|------------------------------------|---|-----------------|
| DART GFI-0299 | J0171921 | PO00005022 | |
| QUANTITÉ QUANTITY | VOTRE N° DE PIÈCE YOUR PART NO. | DESCRIPTION | |
| 250 | D30653 | STEP SPACER CERTIFICATE OF CONFORMANCE REQ | |

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RECEPTION
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

RECU PAR / RECEIVED BY

CERTIFICATE OF COMPLIANCE
CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE
POINTE CLAIRE, QC
H9R 1A1

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. 2 OUR JOB NO J0171921 SHIPPING MEMO 0381182

| ITEM | QUANTITY | PURCHASE ORDER | PART NUMBER | REV | NAME | DWG ISSUE |
|------|----------------|-------------------|---------------|----------|--------------------|-----------|
| -- | <u>250 PCS</u> | <u>PO00005022</u> | <u>D30653</u> | <u>B</u> | <u>STEP SPACER</u> | <u>B</u> |

MATERIAL AL 2024-T3 (QQ-A-250/4) SUPPLIED BY SAMUEL / KAISER ALUMINUM MAT. REL. NO. 413490A4, 388406A1, 395420A3

| | PROCESS | PROCESSOR | RELEASE NOTE # |
|---|---|-----------|----------------|
| 1 | FIRST ARTICLE INSPECTION REPORT ON FILE | GFI | CONFORMS |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 14 DECEMBER 2007

G.F.I. Q.C. REP.

Raven H. H.

570-07



Programme d'Assurance Qualité Enregistré / Registered Q.A. Program
ISO 9001:2000 AS9100

LETTRE DE CONFORMITÉ – LETTER OF COMPLIANCE

Date: 17 JUILLET 2007

Company Name: G.F.I. Division of Thomas & Betts limited
Address: 180 avenue Labrosse
City: Pointe Claire, Qué.
Zip Code: H9R 1A1

du client: 71991
Customer's order #:

de commande SSMQ: 870053
SSMQ's Order #:

La présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre commande et des normes du grade tel que décrit:

The following is to certify that the material listed below meets your order requirements and grade standards as described:

| Notre/Our Item # | # de pièces/ # of pieces | Épaisseur/Grandeur Guage/Size | Alliage/Trempe Alloy/Temper | Spécification / Specification | Lot/Heat |
|---------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------|
| 3 | 5 | .040" X 48" X 144" | 2024 T3 | AMS-QQ-A-250/4 | 395420A3 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Bien à vous,
Yours truly,

Commis à l'administration.
Administration Clerk.



| |
|--|
| SHIP TO: SAMUEL MISSISSAUGA 2360 DIXIE ROAD MISSISSAUGA, ON, CA L4Y1Z7 |
| SOLD TO: SAMUEL LAVAL 2225 FRANCIS HUGHES LAVAL, PQ, CA H7S1N5 |

**KAISER
ALUMINUM**

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4089691

BL 100910

| | | | | | | |
|-------------------------------|-------------------------|---------------------------|-----------------------|---------------------|-------------------------------|--|
| CUSTOMER PO NUMBER: N19210 | | WORK PACKAGE: | CUSTOMER PART NUMBER: | | SHIP RUN/LOAD ID: 100910/6 | GOVT CONTRACT NUMBER: |
| KAISER ORDER NO: 1047772 | LINE ITEM: 5 | SHIP DATE: 20-FEB-2007 | ALLOY: 2024 | CLAD: BARE | TEMPER: T3 | PRODUCT DESCRIPTION: MILL FINISH COIL |
| WEIGHT SHIPPED: 2752 LB | QUANTITY: 1 PCS EST. | B/L NUMBER: 2011769 | GAUGE: 0.0400 IN | WIDTH: 48.000 IN | LENGTH: 0.000 IN | |

Certified Specifications

AMS 4037/RevN
CMMP 019/RevD

AMS-QQ-A-250/4/RevA
CMMP 025/RevQ

ASTM B 209/Rev06

Test Code: 1504

Test Results

Lot: 395420A3 Cast 364 Drop 30 Ingot 2

| | | | | | |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| Tensile: | Temper | Dir / # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
| | T3 | LT / 2 (Min:Max) | 68.2 : 68.6 (470 : 473) | 46.9 : 47.1 (323 : 325) | 17.5 : 17.6 |

| | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual | 0.09 | 0.20 | 4.49 | 0.53 | 1.28 | 0.01 | 0.22 | 0.02 | 0.01 | 0.00 | TOT 0.03 |

ALLOY LIMITS

| | | | | | | | | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|-------|------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
| 2024 MIN | 0.00 | 0.00 | 3.80 | 0.30 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | EACH | 0.06 |
| MAX | 0.50 | 0.50 | 4.90 | 0.90 | 1.80 | 0.10 | 0.25 | 0.15 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A AND HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT-TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS ARE ON FILE, SUBJECT TO EXAMINATION. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULANT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED

BILL POYNOR, LABORATORIES SUPERVISOR

Bill Poy

250-01



Programme d'Assurance Qualité Enregistré / Registered Q.A. Program
ISO 9001:2000 AS9100

LETTRE DE CONFORMITÉ – LETTER OF COMPLIANCE

Date: 8 MARS 2007

Company Name: G.F.I. Division of Thomas & Betts limited
Address: 180 avenue Labrosse
City: Pointe Claire, Qué.
Zip Code: H9R 1A1

du client: 0071253
Customer's order #:

de commande SSMQ: 865767
SSMQ's Order #:

La présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre commande et des normes du grade tel que décrit:

The following is to certify that the material listed below meets your order requirements and grade standards as described:

| Notre/Our Item # | # de pièces/ # of pieces | Épaisseur/Grandeur Guage/Size | Alliage/Trempe Alloy/Temper | Spécification / Specification | Lot/Heat |
|---------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------|
| 3 | 2 | .040" X 48" X 144" | 2024 T3 | AMS-QQ-A-250/4 | 388406A1 |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Bien à vous,
Yours truly,



Marie Griffiths

Commis à l'administration.
Administration Clerk.

LES MÉTAUX SPÉCIALISÉS SAMUEL, 21525 CLARK-GRAHAM, BAIE D'URFÉ, QUÉBEC H9X 3T5
SAMUEL SPECIALITY METALS, 21525 CLARK-GRAHAM, BAIE D'URFÉ, QUÉBEC H9X 3T5

TÉL: 514-457-3399
FAX: 514-457-9393

LET. DE. COM 12/01/07

| |
|--|
| SHIP TO: SAMUEL MISSISSAUGA 2360 DIXIE ROAD MISSISSAUGA, ON, CA L4Y1Z7 |
| SOLD TO: SAMUEL LAVAL 2225 FRANCIS HUGHES LAVAL, PQ, CA H7S1N5 |

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
 Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
 4086065

BL 100 875

| | | | | | | | | | |
|--------------------------------------|--------------------------------|----------------------------------|-------------------------------|------------------------------|----------------------|---|----------------------------|-------------------------------|--|
| CUSTOMER PO NUMBER: N19104 | | WORK PACKAGE: | | CUSTOMER PART NUMBER: | | SHIP RUN/LOAD ID: 100875/4 | | GOV'T CONTRACT NUMBER: | |
| KAISER ORDER NO: 1046025 | LINE ITEM: 1 | SHIP DATE: 16-JAN-2007 | ALLOY: 2024 | CLAD: BARE | TEMPER: T3 | PRODUCT DESCRIPTION: MILL FINISH COIL | | | |
| WEIGHT SHIPPED: 3740 LB | QUANTITY: 1 PCS EST. | | B/L NUMBER: 2011243 | GAUGE: 0.0400 IN | | WIDTH: 48.000 IN | LENGTH: 0.000 IN | | |

Certified Specifications

AMS 4037/RevN
 CMMP 019/RevD

AMS-QQ-A-250/4/RevA
 CMMP 025/RevQ

ASTM B 209/Rev06

Test Code: 1504

Test Results

Lot: 388406A1 Cast 358

Drop 11

Ingot 3

| | | | | | | | | | | | |
|------------|--------------|-----------------------------------|------|--|------|------|---|------|-----------------------------|------|----------|
| Tensile: | Temper T3 | Dir / # Tests LT / 2 (Min:Max) | | Ultimate KSI (MPA) 68.2 : 68.4 (470 : 472) | | | Yield KSI (MPA) 46.9 : 47.0 (323 : 324) | | Elongation % 16.2 : 18.3 | | |
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual | 0.08 | 0.22 | 4.40 | 0.57 | 1.32 | 0.01 | 0.21 | 0.02 | 0.01 | 0.00 | TOT 0.06 |

ALLOY LIMITS

| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
|------------|------|------|------|------|------|------|------|------|------|------|-------|------|
| 2024 MIN | 0.00 | 0.00 | 3.80 | 0.30 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX | 0.50 | 0.50 | 4.90 | 0.90 | 1.80 | 0.10 | 0.25 | 0.15 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

CERTIFICATION

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED AND MANUFACTURED IN THE U.S.A. AND HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT-TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS ARE ON FILE, SUBJECT TO EXAMINATION. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULANT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED

BILL POYNOR, LABORATORIES SUPERVISOR

Bill Poy



Programme d'Assurance Qualité Enregistré / Registered Q.A. Program
ISO 9001:2000 AS9100

LETTRE DE CONFORMITÉ - LETTER OF COMPLIANCE

Date: 20 NOVEMBRE 2007

Company Name: G.F.I. Division of Thomas & Betts limited
Address: 180 avenue Labrosse
City: Pointe Claire, Qué.
Zip Code: H9R 1A1

du client: 72573
Customer's order #:

de commande SSMQ: 873720
SSMQ's Order #:


La présente est pour certifier que le matériel détaillé ci-dessous est conforme aux exigences de votre commande et des normes du grade tel que décrit:

The following is to certify that the material listed below meets your order requirements and grade standards as described:

| Notre/Our Item # | # de pièces/ # of pieces | Épaisseur/Grandeur Guage/Size | Alliage/Trempe Alloy/Temper | Spécification / Specification | Lot/Heat |
|---------------------|--------------------------------|----------------------------------|--------------------------------|----------------------------------|----------|
| 1 | 5 | .040" X 48" X 144" | 2024 T3 | AMS-QQ-A-250/4 | 413490A4 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Bien à vous,
Yours truly,




Commis à l'administration.
Administration Clerk.

LES MÉTAUX SPÉCIALISÉS SAMUEL, 21525 CLARK-GRAHAM, BAIE D'URFÉ, QUÉBEC H9X 3T5
SAMUEL SPECIALITY METALS, 21525 CLARK-GRAHAM, BAIE D'URFÉ, QUÉBEC H9X 3T5

TÉL: 514-457-3399
FAX: 514-457-9393

LET. DE. COM 12/01/04

SHIP TO:

SAMUEL MISSISSAUGA
2360 DIXIE ROAD
MISSISSAUGA, ON, CA L4Y1Z7

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

SOLD TO:

SAMUEL MISSISSAUGA
2360 DIXIE ROAD
MISSISSAUGA, ON, CA L4Y1Z7

Serial Number

4107888

| | | | | | | |
|-------------------------------|-------------------------|---------------------------|-----------------------|---------------------|--------------------------------|--|
| CUSTOMER PO NUMBER: N20042 | | WORK PACKAGE: | CUSTOMER PART NUMBER: | | SHIP RUN/LOAD ID: 101068/16 | GOVT CONTRACT NUMBER: |
| KAISER ORDER NO: 1055568 | LINE ITEM: 9 | SHIP DATE: 10-SEP-2007 | ALLOY: 2024 | CLAD: BARE | TEMPER: T3 | PRODUCT DESCRIPTION: MILL FINISH COIL |
| WEIGHT SHIPPED: 4385 LB | QUANTITY: 1 PCS EST. | B/L NUMBER: 2014374 | GAUGE: 0.0400 IN | WIDTH: 48.000 IN | LENGTH: 0.000 IN | |

Certified Specifications

AMS 4037/RevN
CMMP 019/RevD

AMS-QQ-A-250/4/RevA
CMMP 025/RevR

ASTM B 209/Rev06

Test Code: 1504

Test Results

Lot: 413490A4 Cast 392

Drop 05

Ingot 3

(ASTM E8/B557)

| | | | | | |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| Tensile: | Temper | Dir / # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
| | T3 | LT / 2 (Min:Max) | 68.4 : 69.0 (472 : 476) | 47.5 : 47.9 (328 : 330) | 16.6 : 17.7 |

(ASTM E1251)

| | | | | | | | | | | | |
|------------|------|------|-----|------|-----|------|------|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual | 0.10 | 0.22 | 4.6 | 0.54 | 1.3 | 0.02 | 0.21 | 0.01 | 0.01 | 0.01 | TOT 0.03 |

ALLOY LIMITS

| | | | | | | | | | | | | |
|------------|------|------|-----|------|-----|------|------|------|------|------|-------|------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
| 2024 MIN | 0.00 | 0.00 | 3.8 | 0.30 | 1.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX | 0.50 | 0.50 | 4.9 | 0.9 | 1.8 | 0.10 | 0.25 | 0.15 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

CERTIFICATION

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BILL POYNOR, LABORATORIES SUPERVISOR

